

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 February 2004 (26.02.2004)

PCT

(10) International Publication Number
WO 2004/016351 A1

(51) International Patent Classification⁷: B01J 23/85, C07C 6/04

(74) Agent: HAHN & HAHN INC. DUNLOP, ALAN, J. S; HAHN, HANS, H; WILLIAMS, VICTOR, C; LUTEREK, JANUSZ, F; VEN; 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

(21) International Application Number:
PCT/ZA2003/000111

(22) International Filing Date: 14 August 2003 (14.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002/6572 16 August 2002 (16.08.2002) ZA

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): SASOL TECHNOLOGY (PTY) LIMITED [ZA/ZA]; 1 STURDEE AVENUE, ROSEBANK, 2196 JOHANNESBURG (ZA).

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): BOTHA, Jan, Mattheus [ZA/ZA]; 38 BILLINGHAM STREET, 1947 SASOLBURG (ZA). DUBE, Thamasanqa, Ian [ZA/ZA]; NO. 14 TRANSVALIA FLATS, ERIC LOUW STREET, 1947 SASOLBURG (ZA). MOODLEY, Denzil, James [ZA/ZA]; 7B COLLEGE PARK FLATS, HARRISMITH STREET, 1947 SASOLBURG (ZA). SPAMER, Alta [ZA/ZA]; 60 BEEFWOOD STREET, SE3, 1900 VANDERBIJLPARK (ZA). VAN SCHALKWYK, Charl [ZA/ZA]; 25 HATTINGH STREET, VAALPARK, 1947 SASOLBURG (ZA).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METATHESIS CATALYST AND PROCESS

(57) Abstract: The invention provides a method of preparing a metathesis catalyst, the method including the steps of mixing a transition metal oxide containing aqueous solution having a pH of 9 or higher with a carrier. The water is then removed from the mixture by means of evaporation to provide a metathesis catalyst.

WO 2004/016351 A1